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Innovation Beyond Technology℠

User's manual

www.vtech.com

Model: LS6204

DECT

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1. IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:

1. Read and understand all the instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water (for example, near a bath tub, kitchen sink, swimming pool).
5. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
6. Unplug this product from the wall outlet and refer servicing to VTech under the following conditions:
   - When the power adapter or plug is damaged or frayed.
   - If the product does not operate normally by following the operating instructions.
   - If the product has been dropped and the cabinet has been damaged.
   - If the product exhibits a distinct change in performance.
7. Avoid using corded telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
8. Do not use the telephone to report a gas leak in the vicinity of the leak.
9. Use only the supplied NiMH (Nickel Metal Hydride) battery pack! The operation periods for the handsets are only applicable with the default battery pack capacities.
10. The use of other battery pack types or non-rechargeable battery packs/primary cells can be dangerous. These may cause interference and/or unit damages. The manufacturer will not be held liable for damage arising from such non-compliance.
11. Do not use third party charging bays. The battery pack may be damaged.
12. Please note the correct polarity while inserting the battery pack.
13. Do not immerse battery pack in water, do not place in fire.

If you have questions about this product, or having difficulty with setup or operation, call our VTech Electronics (HK) Ltd.
Customer Service Centre Tel: 852-2776 3223
Technical Inquiry Hotline Tel: 852-2667 7433

2. SETTING UP THE TELEPHONE

2.1 Package contents

The package contains the following items:

- 1 Handset
- 1 Charger
- 1 AC power adapter
- 1 Rechargeable battery pack
- 1 Chinese operation manual
- 1 English operation manual

2.2 Location

For maximum coverage and reduce the interference, here are some guidelines you should consider when you place the base unit,

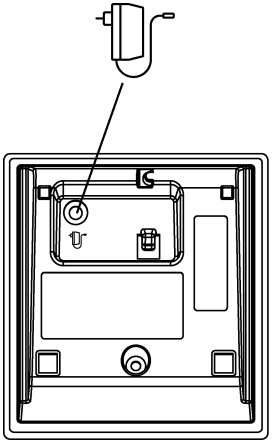
- place it at a convenient, high, and central location with no obstructions between the handset and base unit in an indoor environment.
- place it away from electronic appliances such as televisions, microwave ovens, radios, personal computers, wireless devices or other cordless phones.
- avoid facing radio frequency transmitters, such as external antennas of mobile phone cell stations.
- avoid plugging it into the same circuit as other major household electrical appliances because of the potential for interference. Try moving the appliance or the base unit to another power outlet.

If the reception for a base unit location is not satisfactory, move it to another location for better reception. Depending on the surrounding conditions as well as spatial and structural factors, the range may be reduced. The range indoors is normally less than outdoors.

2.3 Setting up

2.3.1 Connecting the charger

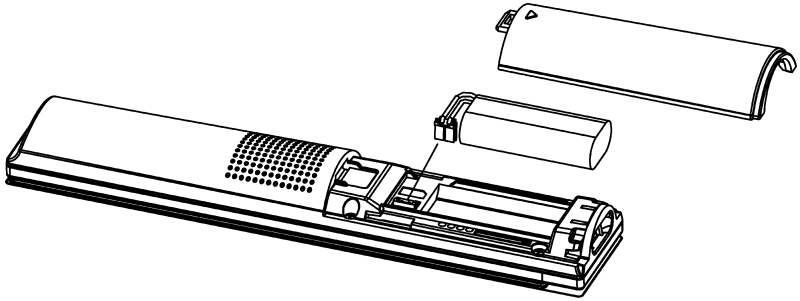
1. Plug the power supply into the charger.
2. Plug the power supply cord into the wall outlet not controlled by a wall switch.
3. Always use the cables provided in the box.



2.3.2 Installing and charging the battery pack

1. Slide out the battery compartment cover.
2. Place the supplied battery pack as indicated. Locate the battery pack lead and connector and plug it into the socket inside the battery compartment (the red wire should be on the left). Tuck the battery pack leads in the space above the battery pack.
3. Slide the battery compartment cover back.
4. Put the handset on the charger or base and charge the battery pack for 16 hours first time.

Use only the supplied NiMH rechargeable battery pack.



2.4 Set date and time

Provided you have subscribed to your network's caller ID service, the date and time will be set automatically with every incoming call.

2.4.1 Change the Date Format

1. Press **MENU** and VOL+ / CID VOL- to select SETTINGS.
2. Press **SELECT** and VOL+ / CID VOL- to select DATE FORMAT.
3. Press **SELECT** and VOL+ / CID VOL- to select DD/MM/YY or MM/DD/YY.
4. Press **OK** to confirm.

2.4.2 Change the Time Format

1. Press **MENU** and VOL+ / CID VOL- to select SETTINGS.
2. Press **SELECT** and VOL+ / CID VOL- to select TIME FORMAT.
3. Press **SELECT** and VOL+ / CID VOL- to select 12 - HOUR or 24 - HOUR.
4. Press **OK** to confirm.

2.4.3 Set Date/Time

1. Press **MENU** and VOL+ / CID VOL- to select SETTINGS.
2. Press **SELECT** to select SET DATE/TIME, and then press **SELECT**.
3. Enter the date by the keypad, using the date format you set in Section 2.4.1.

   OR

   Press VOL+ / CID VOL- until the screen displays the correct value. Press **OK** to advance.
4. Press **OK** to enter the time by the keypad, using the time format you set in Section 2.4.2.

   OR

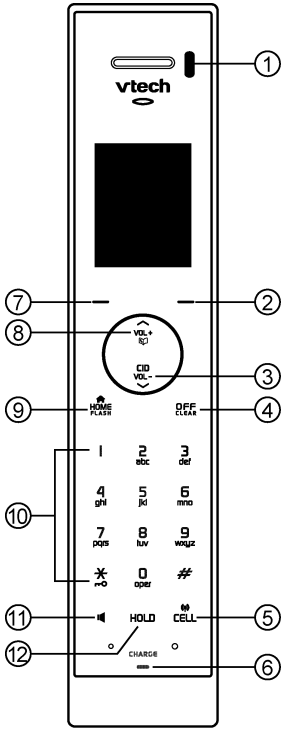
   Press VOL+ / CID VOL- until the screen displays the correct value. Press **OK** to advance.
5. Press **OK** to confirm.

Your VTech LS6204 is ready for use.

3. GETTING TO KNOW YOUR PHONE

3.1 Overview of your handset

1. **Infrared sensor**
   When the infrared sensor is covered during a call, all keys on the dial pad are disabled.
2. **Right soft key**
   Press to select a menu item displayed above the key.
3. **Scroll down/Volume down/Call log**
   In idle mode: Press to review the call log.
   During a call: Press to decrease the listening volume.
   In menu mode: Press to scroll down.
4. **Talk off/Clear**
   During a call: Press to hang up.
   In ringing mode: Press to silence the ringer temporarily.
   In menu mode: Press to exit without making changes. Press and hold to return to idle mode.
   In editing mode: Press to erase a digit or character.
5. **Cell**
   In idle mode: Press to make a cell call.
   In ringing mode: Press to answer a cell call. Flashes quickly when there is an incoming cell call.
   Flashes slowly when a cell call is on hold.
6. **Charging LED**
   Steadily on when in charging.
7. **Left soft key**
   Press to select a menu item displayed above the key.
8. **Scroll up/Volume up/Phonebook**
   In menu mode: Press to scroll up.
   During a call: Press to increase the listening volume.
   In idle mode: Press to enter the phonebook.



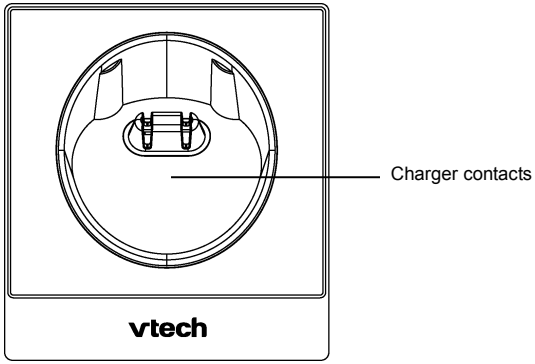
9. **Home/Flash**
   In idle mode: Press to make a home call.
   In ringing mode: Press to answer a home call. Flashes quickly when there is an incoming home call.
   Flashes slowly when a home call is on hold.
10. **Alphanumeric keypad, *, #**
    In idle/pre-dial/editing mode/during a call: Press to enter characters/ numbers.
    #
    In idle/pre-dial/during a call mode: Press to insert a "#".
    *
    In idle/pre-dial/during a call mode: Press to insert a "*".
    In phonebook entry name editing mode: Press to toggle between upper case and lower case.
    During a call: Press to turn to tone temporarily when in pulse dialing mode.
11. **Speakerphone**
    In idle mode: Press to make a home call.
    In ringing mode: Press to answer a home or cell call.
    During a call: Press to switch between speakerphone and handset.
12. **Hold**
    During a call: Press to put a call on hold.

3.2 Handset LCD display

	Home line - on steadily when the home line is in use or there is an incoming home call.
1 2	**CELL** line - on steadily when the cell line is in use or there is an incoming cell call.
1 2	**Bluetooth connected device(s)** - indicates that there are Bluetooth connected devices on the active devices list.
1 2	**Bluetooth disconnected device(s)** - indicates that there are Bluetooth disconnected devices on the active devices list.
1 or 2	**Bluetooth wireless headset** - on steadily when a Bluetooth wireless headset is in use on the home line.
	Ringer off - on steadily when all the ringers of **Home**, **Cellular 1** and **Cellular 2** are turned off. Flashes when only one or two of the ringers are turned off.

	Speakerphone - the speakerphone is in use.
	New answering system message - indicates you have a new answering system message(s).
	Battery status - animates when the battery is charging. Becomes solid when the battery is fully charged.
	Battery status - flashes when the battery is low and needs charging.
	Answering system on - indicates that the answering system is turned on to answer incoming home calls.
	New call log - indicates that the missed call is new.
	Mute - the microphone is muted.

3.3 Charger



3.4 Navigating the menus

1. Press **MENU**.
2. Press VOL+ / CID VOL- to scroll through the menu.
3. Press **SELECT** to open a sub-menu or validate an option.
4. Press OFF CLEAR to go back to previous menu level or cancel an action.

3.5 Menu map

In idle mode, press **MENU** will firstly access the Ans. system menu. Refer to the following for the menu structure.

Main Menu	ANS. SYSTEM	PHONEBOOK	CALL LOG	INTERCOM	AUDIO	SETTINGS
Sub Menu	Play msgs Del all old Record memo Ans sys setup	Review Store	Review Del all calls		Ringer volume Ringer tone Key tone Low battery No coverage	Set date/time Time format Date format Auto keylock Register De-register Dial mode Flash time ECO mode range System PIN Reset

4. USING ADDITIONAL HANDSETS

You can add new handsets to your telephone system, but each device must be registered with the telephone base before use. When first purchased, each expansion handset shows "NOT REGISTERED". You may need to charge the handset before registering to the telephone base.

4.1 Registration

Using a handset:

1. Put the handset on the base, "PRESS HOLD ON BASE FOR 4 SEC" will display in the handset screen.

Or use your handset menu.

1. Press **MENU** and VOL+ / CID VOL- on the handset to select SETTINGS.
2. Press **SELECT** and VOL+ / CID VOL- to select REGISTER.
3. Press **SELECT** to enter the system PIN. (Default is 0000)
4. Press **OK** and go ahead with the following procedures using the base.

Using the base:

5. Press and hold HOLD on the base for about four seconds until the telephone base displays “REGISTERING HANDSET...”. The handset shows “HANDSET X REGISTERED” (X represents the handset number assigned) and you hear a beep when the registration completes.

Note:
If the registration fails, "NO BASE FOUND" displays in the handset screen and then "TO REGISTER, PICK UP HANDSET FROM CHARGER" displays. Try the registration process again.

You cannot register a handset if any other system handset is in use.

4.2 Intercom and Conference Call

This feature allows you to make internal calls, transfer external calls and make conference calls.

4.2.1 Intercom

Using a handset:

1. Press **MENU** and VOL+ / CID VOL- on the handset to select INTERCOM.
2. Press **SELECT** and VOL+ / CID VOL- to select the base or the desired handset you want to intercom with.
3. Press **SELECT**, and the called base or handset will ring.
4. Press HOME on the called base to answer the call.

   OR

   Press HOME FLASH or on the called handset to answer the call.

Using the base:

1. Press **MENU** and VOL+ / VOL- on the base to select INTERCOM.
2. Press **SELECT** and VOL+ / VOL- to select the desired handset you want to intercom with.
3. Press **SELECT**, and the called handset will ring.
4. Press HOME FLASH or on the called handset to answer the call.

4.2.2 Transfer an External Call

Using a handset:

During an external call:

1. Press **OPTION** to select INTERCOM.
2. Press **SELECT** and VOL+ / CID VOL- to select the base or the desired handset you want to intercom with.
3. Press **SELECT**. The external call is put on hold automatically and the called base or handset rings.

4. Press HOME/FLASH or 🔈 on the called handset to answer the call.

   OR

   Press HOME on the called base to answer the call.

5. Press OFF/CLEAR on the calling handset to end the call, and the external call will be transferred to the called base or handset automatically.

Using the base:
During an external call:

1. Press **OPTION** to select INTERCOM.
2. Press **SELECT** and ∧ VOL+ / VOL- ∨ to select the desired handset you want to intercom with.
3. Press **SELECT**. The external call is put on hold automatically and the called handset rings.
4. Press HOME/FLASH or 🔈 on the called handset to answer the call.
5. Press HOME on the calling base to end the call, and the external call will be transferred to the called handset automatically.

4.2.3 Make a 3-way Conference Call

The conference call feature allows one external call to be shared with two internal parties (in intercom). The three parties can share the conversation and no network subscription is required.

Using a handset:
During an external call:

1. Follow steps from 1 to 4 in Section 4.2.2.
2. Press **OPTION** on the calling handset to select CONFERENCE.
3. Press **SELECT** to initiate the 3-way conference call.

Note:
During the conference call, any internal party hangs up to leave the conference, it will leave the other one still in connection with the external call.

Using the base:

1. Follow steps from 1 to 4 in Section 4.2.2.
2. Press **OPTION** on the calling base to select CONFERENCE.
3. Press **SELECT** to initiate the 3-way conference call.

Note:
During the conference call, any internal party hangs up to leave the conference, it will leave the other one still in connection with the external call.

4.2.4 Switch between internal call and external call

Using a handset:
During a conference call:

1. Press **OPTION** on the calling handset to select SINGLE, and then press **SELECT**. The calling handset will connect to the external call and the internal call is put on hold.
2. To switch to the internal call, press **OPTION** and VOL+ / CID VOL- on the calling handset to select BROKERING, and then press **SELECT**.
3. To switch back to the external call, press **OPTION** and VOL+ / CID VOL- on the calling handset to select BROKERING again, and then press **SELECT**.

Note:
Any time when you on an internal call or external call switched from a conference call, you can press **OPTION** on the calling handset to select CONFERENCE and then press **SELECT** to establish the conference call again.

Using the base:
During a conference call:

1. Press **OPTION** on the calling base to select SINGLE, and then press **SELECT**. The calling base will connect to the external call and the internal call is put on hold.
2. To switch to the internal call, press **OPTION** and VOL+ / VOL- on the calling base to select BROKERING, and then press **SELECT**.
3. To switch back to the external call, press **OPTION** and VOL+ / VOL- on the calling base to select BROKERING again, and then press **SELECT**.

Note:
Any time when you on an internal call or external call switched from a conference call, you can press **OPTION** on the calling base to select CONFERENCE and then press **SELECT** to establish the conference call again.

5. TROUBLESHOOTING

If you have difficulty with your phone, please try the suggestions listed below. Please also check the user's manuals of **VTech LS6245** for more detailed troubleshooting items.

Problem	Solutions
My telephone does not work at all.	• Make sure the battery pack is installed and charged correctly. For optimum daily performance, return the handset to the telephone base or charger after use. • Make sure the power adapter is securely plugged into an outlet not controlled by a wall switch. • Make sure the telephone line cord is plugged firmly into the telephone base and the telephone wall jack. • Unplug the electrical power to the telephone base. Wait for approximately 15 seconds, then plug it back in. Allow up to one minute for the handset and telephone base to synchronize. • Charge the battery in the handset for up to 16 hours. If the battery is completely depleted, it can take up to 10 minutes to charge the handset before HANDSET X appears on the screen. • Remove and re-insert the battery pack. If that still does not work, it might be necessary to purchase a new battery pack. • Disconnect the telephone base from the telephone wall jack and plug in a working telephone. If the other telephone does not work, the problem is probably in the wiring or the telephone service. Call your telephone service provider.
Low battery shows on screen.	• Place the handset in the telephone base or charger for recharging. • Remove and re-install the battery pack and use it until fully depleted, then recharge the handset in the telephone base or charger for up to 16 hours. • If the above measures do not correct the problem, replace the battery pack.
The battery does not charge in the handset or the handset battery does not accept charge.	• Make sure the handset is placed in the telephone base or charger correctly. The charge light on the handset should be on. • Remove and reinstall the battery pack, then charge for up to 16 hours. If the handset is in the telephone base or charger but the charge light on the handset is not on, refer to **The CHARGE light is off** in this section. • If the battery is completely depleted, it can take up to 10 minutes to charge the handset before HANDSET X appears on the screen. • Purchase a new battery pack.

The CHARGE light is off.	• Clean the charging contacts on the handset and telephone base each month with a pencil eraser or a dry non-abrasive fabric. • Make sure the power adapter and telephone line cord are plugged in correctly and securely. • Unplug the power adapter. Wait for 15 seconds before plugging it back in. Allow up to one minute for the handset and telephone base to reset.
There is interference during a telephone conversation. **My calls fade out when I am using the handset.**	• The handset may be out of range. Move it closer to the telephone base. • If you subscribe to high-speed Internet service (digital subscriber line - DSL) through your telephone line, you must install a DSL filter between the telephone base and the telephone wall jack. The filter prevents noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters. • Appliances or other cordless telephones plugged into the same circuit as the telephone base can cause interference. Try moving the appliance or telephone base to another outlet. • Other electronic products may cause interference to your cordless telephone. Install your telephone as far away as possible from the following electronic devices: wireless routers, radios, radio towers, pager towers, cellular telephones, digital telephones, intercoms, room monitors, televisions, VCRs, personal computers, kitchen appliances, and other cordless telephones. • If your telephone is plugged in with a modem or a surge protector, plug the telephone (or modem/surge protector) into a different location. If this doesn't solve the problem, re-locate your telephone or modem farther apart from each other, or use a different surge protector. • The location of your telephone base can impact the performance of your cordless phone. For better reception, install the telephone base in a centralized location within your home or office, away from walls or other obstructions. In many environments, elevating the telephone base improves overall performance. • Disconnect the telephone base from the telephone wall jack and plug in a corded telephone. If calls are still not clear, the problem is probably in the wiring or telephone service. Contact your telephone service provider (charges might apply). • If the other telephones in your home are having the same problem, the problem is in the wiring or telephone service. Contact your telephone service provider (charges may apply).

REGISTRATION FAILED appears on the handset.	• Only one handset can be registered at a time. If you have multiple handsets to register, please follow the instructions on page 10 for the first handset. Once a handset has been successfully registered, repeat the steps for each handset that needs to be registered. • Make sure that the telephone base and handset(s) are in idle mode when registering a handset. • Follow the steps on page 16 for the common cure for electronic equipment, then try again to register a handset.
Common cure for electronic equipment.	• If the telephone is not responding normally, put the handset in the telephone base or charger. If it does not respond, try the following (in the order listed): • Disconnect the power to the telephone base. • Disconnect the battery pack on the handset. • Wait a few minutes before connecting power to the telephone base. • Re-install the battery pack and place the handset in the telephone base or charger. • Wait for the handset to synchronize with the telephone base. Allow up to one minute for this to take place.

Please contact the technical support of the network provider for further information.

This telephone is not equipped with a grounding function! Therefore some of the functions may be limited when used in PBX systems.

Customer Helpline
For technical support, please call VTech Technical Inquiry Hotline Tel: 852-2667 7433.

6. TECHNICAL SPECIFICATIONS

Basic Information	
Dimensions	Handset : L203.65 X W42.00 X H21.5mm Charger : L83.80 X W91.60 X H57.25mm
Weight	Handset: 142.5g (include battery pack: 21g) Charger: 83.6g
Power consumption	Charger: 0.8w
Valid range	Indoor: 50m Outdoor: 300m
Handset Operating Time	Standby time: 100 Hours Talk time: 10 Hours
RF Parameter	
Transmission Power	Handset: +24dBm
Frequency	Cordless system: 1881.792~1897.344MHz Bluetooth system: 2.400~2.4835GHz
Number of Channels	DECT: 10 Channels Bluetooth: 79 Channels
Supply Power	
Charger	DC6.0V/300mA
Handset	DC2.6V/750mA

Customer Service Centre

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